



ASSEMBLY + OPERATING GUIDE

Signature 360° Motorized Stand User Manual

Model MS2000-B | U.S. Edition | NrG Phoenix and NrG Aurora



READ BEFORE ASSEMBLY

Two capable adults are required to assemble the stand and attach a panel. Lock all four casters and keep the panel fully supported until every mounting connection is secure.

Safety and compatibility

Read this page before unpacking, assembling, moving, or operating the stand.

TWO CAPABLE ADULTS ARE REQUIRED

The stand and panel are heavy. Use two adults for assembly and whenever a panel is attached, removed, or repositioned on the mounting arms. Keep the panel supported until every connection is fully seated and tightened.

Floor and casters

Assemble on a level, hard, dry indoor floor. Lock all four casters before attaching the panel or changing its height or angle.

Pinch and crush points

Keep hands, hair, clothing, bedding, cables, and other objects clear of the lift column, pivot, support tubes, mounting arms, and casters.

Inspect first

Do not assemble or use damaged equipment. If a part is missing, bent, cracked, or different from the diagrams, stop and contact NrG Light.

Electrical connection

Use only the supplied power supply. Connect it to a U.S. wall outlet that matches the rating on its label. Do not use a travel adapter or voltage converter.

Approved panels

Use the MS2000-B only with the compatible NrG Phoenix or NrG Aurora and the supplied stand components.

Moving the system

Before rolling the stand, lower and center the panel, return it to a stable orientation, secure the cords, and use two adults.

Children and bystanders

Keep children away. Never allow climbing, hanging, riding, or pulling on the panel, rails, controller, or cords.

No modifications

Do not drill, weld, alter, or improvise load-bearing parts. Recheck every fastener, knob, cable, and caster before connecting power.

BEFORE CONNECTING POWER

Confirm the panel is centered, every structural connection is tight, all four casters are locked, and the travel path is clear.

Signature MS2000-B

Motorized height adjustment with manual 360-degree panel rotation.



Model	MS2000-B
Finish	Black production finish
Construction	Iron frame
Net weight	63.9 lb (29 kg)
Height range	37.8-66.9 in (960-1,700 mm)
Base footprint	44.9 x 34.6 in (1,140 x 880 mm)
Stand depth	31.1 in (790 mm)
Height control	Wired controller
Height memories	Four programmable positions
Panel rotation	Manual, 360 degrees
Mobility	Four locking casters

COMPATIBILITY

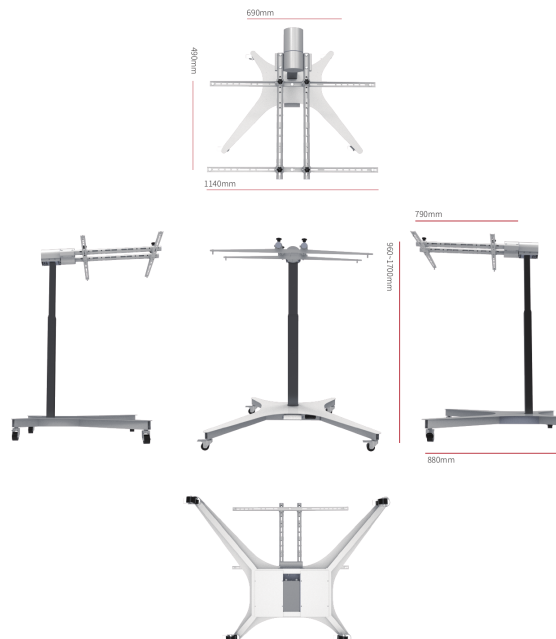
The MS2000-B is designed primarily for the full-size NrG Phoenix. It is also mechanically compatible with the smaller NrG Aurora. Use only the supplied stand components and the panel-specific mounting hardware provided by NrG Light.

HOW IT MOVES

Height: powered by the electric lift column and wired controller.
Rotation: moved manually through 360 degrees after the lift has stopped.
Orientation: vertical, horizontal, or an intermediate angle when the panel is securely supported.

Dimensions and clearance

U.S. customary measurements are shown first; OEM metric dimensions appear in parentheses.



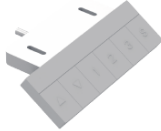
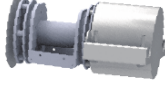
Reference dimension	U.S.	Metric
Overall mounting width	44.9 in	1,140 mm
Top pivot / center span	27.2 in	690 mm
Mounting-arm vertical reference	19.3 in	490 mm
Stand depth	31.1 in	790 mm
Base side span	34.6 in	880 mm
Height adjustment range	37.8-66.9 in	960-1,700 mm

PLAN THE FULL OPERATING ENVELOPE

Allow clearance for the complete base footprint, lift path, panel size, cable slack, and 360-degree rotation path.

Parts, fasteners, and tools

The component images below are the original OEM illustrations.

A*1 	B*1 	C*1 
D*1 	E*1 	F*2 
G*1 	H*2 	J*1 
K*1 	L*4  M8*50	R*4  Caster

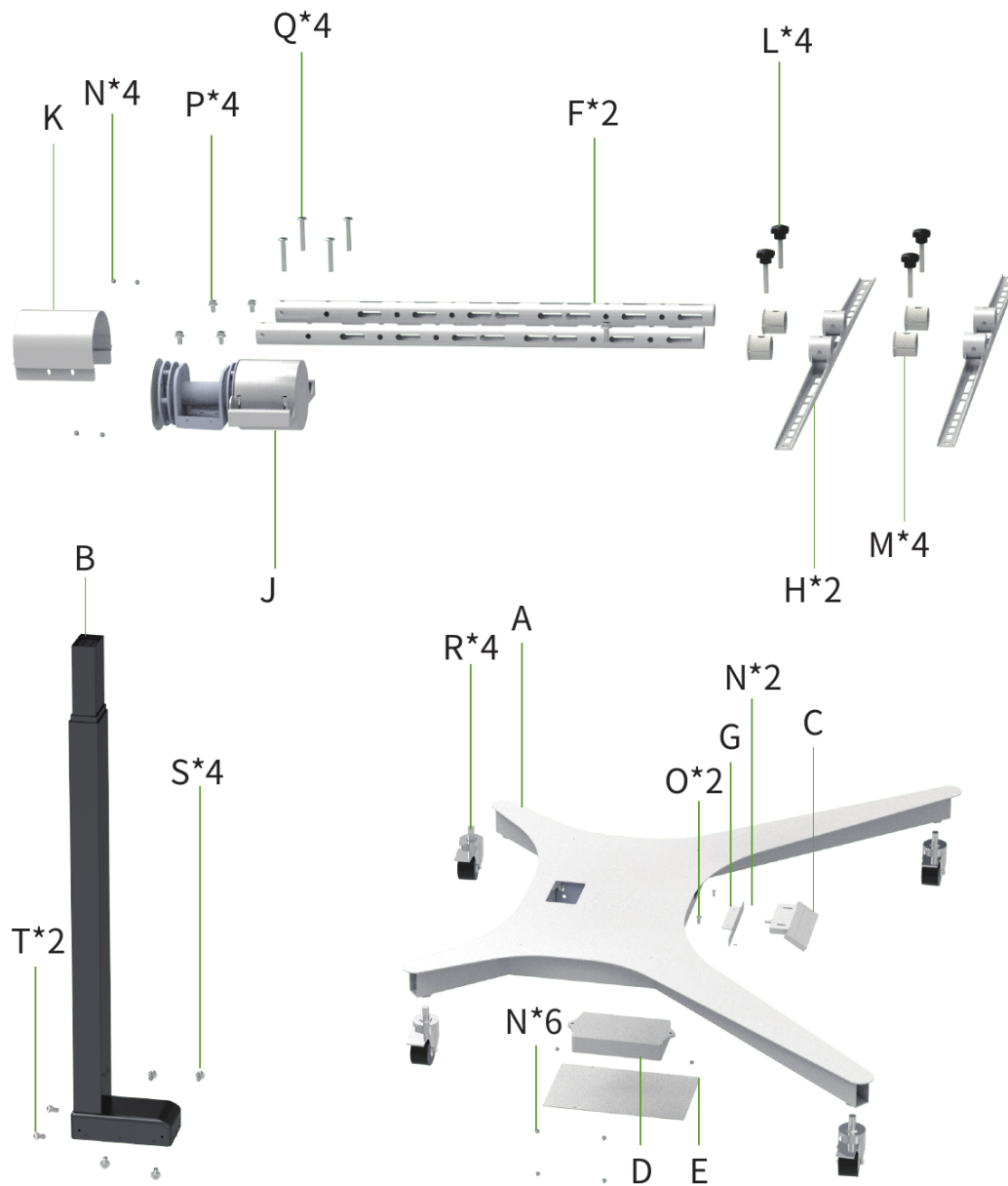
M*4 	N*12  PWM4*6	O*2  PWM4*18	P*4  M8*20	Q*4  M8*50
S*4  M6*16	T*2  M6*20	 Allen wrench 4*21*57mm	 Allen wrench 5*25*65mm	 Allen wrench 6*55*165mm

CHECK THE LETTERED PARTS BEFORE ASSEMBLY

Do not substitute structural hardware. If any part is missing, damaged, or different from the OEM images, stop and contact NrG Light.

Exploded assembly overview

Use this OEM diagram to confirm the stand components and their relationship before beginning.



ASSEMBLY ORDER

Base and casters → lift column → lift power and controller → pivot and support tubes → mounting arms → panel.

Steps 1-2: base and lift

Lock every caster before installing the lift column.

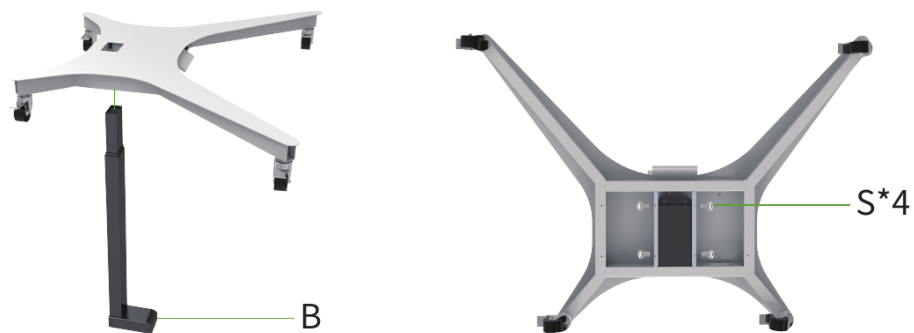
1 Install the four casters

Thread the four locking casters (R) into the base frame (A). Tighten securely, set the base upright, and lock all four wheels.



2 Install the electric lift column

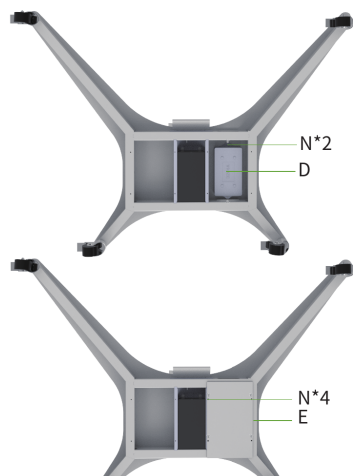
Insert the lift column (B) upward through the center opening in the base (A). From underneath, secure it with four M6 × 16 screws (S). Start all screws by hand before tightening evenly.



Steps 3-4: power and controller

Keep power disconnected until the complete stand has been inspected.

3 Install the lift power supply



Mount the lift power supply (D) to the underside of the base with two PWM4 × 6 screws (N). Fit the cover (E) over the power supply and secure it with four more PWM4 × 6 screws (N).

Route the cord so it cannot enter a caster or the lift path.

4 Install the wired controller



Attach the controller mounting plate (G) to the rear of the lift column with two M6 × 20 screws (T). Secure the controller (C) to the plate with two PWM4 × 18 screws (O).

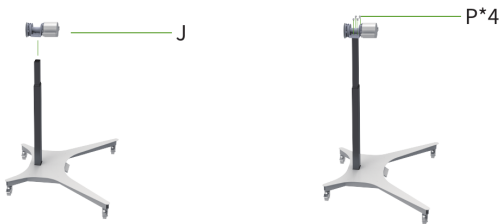
Confirm that the controller, column, and power-supply cables cannot be pinched or pulled during travel.

Steps 5-7: pivot and support tubes

Keep the stand locked and stable while working above the lift column.

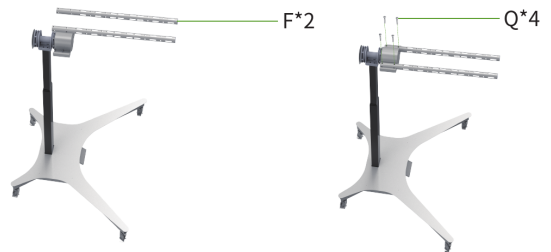
5 MOUNT THE PIVOT BASE

Attach pivot base (J) to the top of the lift column with four M8 × 20 screws (P).



6 INSTALL SUPPORT TUBES

Insert both support tubes (F) into the pivot base. Secure them with four M8 × 50 screws (Q).



7 ATTACH THE PIVOT COVER

Position pivot cover (K) over the pivot base and secure it with four PWM4 × 6 screws (N). Confirm the cover does not interfere with the rotating components.



Step 8: mounting arms and panel

The panel-mounting operation requires two capable adults.

INSTALL THE EQUIPMENT MOUNTING ARMS



1. Insert the four plastic bushings (M) into the two mounting arms (H).
2. Slide both mounting arms onto the support tubes.
3. Secure the arms with four M8 × 50 hand-knob screws (L).

Confirm the two arms are level, symmetrical, fully seated, and unable to slide before bringing the panel to the stand.

ATTACH THE PANEL

1. Lock all four casters and lower the lift to a comfortable working height.
2. With one adult on each side, support the panel continuously while aligning its rear mounting points with both arms.
3. Use only the panel-specific fasteners supplied by NrG Light. Start every fastener by hand, then tighten evenly.
4. Keep supporting the panel until every connection is fully seated and secure. Check stability before connecting panel power.

Height controller and memory

The controller powers vertical movement only. Panel rotation is manual.



Raise and lower

Press and hold the up or down button to move the lift. Release the button to stop. Watch the panel and cable path throughout movement; stop immediately if anything binds, catches, tilts, or contacts an obstruction.

Store and recall a height

1. Move the stand to the desired height.
2. Press S.
3. Press memory button 1, 2, 3, or 4.

To return to a saved height, press its number and monitor the system until movement stops.

Set upper or lower travel limits

Upper limit: Move the displayed height above 100. Press and hold the up and down buttons together until the controller beeps.

Lower limit: Move the displayed height below 100. Press and hold the same two buttons until the controller beeps.

Controller revisions can differ. If yours does not respond exactly this way, stop and contact NrG Light.

MONITOR EVERY AUTOMATIC MOVEMENT

Lock all four casters before using a memory position. Keep people and objects out of the lift and rotation area, and keep a hand near the stop controls until movement is complete.

Positioning the stand safely

Motorized height + manual 360-degree panel rotation.

1**Prepare**

Place the system on a level floor. Lock all four casters. Clear the lift and rotation path, and confirm all cables have adequate slack.

2**Set height**

Use the wired controller while watching the complete panel. Release the button to stop at the desired height.

3**Rotate manually**

With the lift stopped, use both hands to rotate the panel to the desired orientation. Keep fingers away from the pivot and support rails.

4**Verify stability**

Confirm the panel is centered, hardware is tight, cords are clear, and the stand cannot roll before beginning the light session.

Before moving the stand to a new location

Turn off and unplug the panel. Lower and center the panel, return it to a stable orientation, organize the cords, unlock the casters, and move slowly with two adults. Relock all four casters at the destination.

Inspection and troubleshooting

Stop using the stand if movement becomes noisy, uneven, loose, or unpredictable.

Before every use

Check the caster locks, panel-mounting hardware, four arm knobs, visible structural fasteners, controller cable, lift power cable, and panel power cable. Confirm the base sits flat and the panel is centered.

Monthly or after transport

With power disconnected, inspect the lift column, pivot, support tubes, mounting arms, cable routing, caster attachment, and all accessible fasteners. Tighten only with the correct tool and without overtightening.

Condition	What to check
Lift does not move	Confirm wall power, the lift power-supply connection, controller connection, and that no cable is pinched. Test both directions.
Lift stops early	Check for an obstruction or stored travel limit. Move away from the obstruction; review the controller limit procedure.
Movement is uneven or noisy	Stop immediately. Lower only if safe, disconnect power, and inspect for looseness, misalignment, binding, or cable contact.
Stand rolls during use	Stop the session and lock all four casters. Confirm the floor is level, hard, dry, and free of debris.
Panel shifts or rotates unexpectedly	Support the panel with two adults. Stop using the system until arm knobs and all panel-mounting hardware are correctly seated and secure.
Controller behavior differs	Do not repeatedly force a command. Record the display and contact NrG Light with a photo or short video.

Cleaning

Turn off and unplug both the stand and panel. Wipe metal surfaces and the controller with a soft, dry or barely damp cloth. Do not spray liquid into the controller, lift column, power supply, connectors, or casters.

Phoenix wall-mount safety

The Phoenix panel-only configuration includes a wall-mount bracket.

Structural mounting is required

Phoenix weighs approximately **44.2 kg / 97 lb**. The bracket and wall structure must safely support the panel and all installation loads.

- Do not mount Phoenix to drywall alone. Anchor the bracket to appropriate structural framing or rated masonry using hardware selected for the wall construction.
- Use at least two capable adults to lift and position the panel. Use a qualified installer if there is any uncertainty about the structure, anchors, or mounting method.
- Verify the bracket is level, fully fastened, and unable to shift before placing the panel on it.
- Confirm all retaining hardware is engaged before anyone stands, sits, or lies beneath the installed panel.
- Route the power cable so it is protected from tension, abrasion, sharp edges, heat, and foot traffic.
- Do not improvise wall anchors, fasteners, or mounting points. Contact NrG Light or a qualified installer if the supplied bracket is not appropriate for the wall.

Aurora installations

This wall-mount section applies to the Phoenix bracket. Use the separate Aurora Stand & Pulley Guide for Aurora's included rolling stand and adjustable-height door-mount pulley system.

Two-year limited warranty

Contact NrG Light before disassembly, repair, return, or shipment.

KEEP YOUR PROOF OF PURCHASE

The MS2000-B stand and included accessories are covered by a two-year limited warranty for the original consumer purchaser. Coverage applies to defects in materials or workmanship during normal use, subject to the complete warranty terms at nrglight.com/warranty.

WHAT MAY BE COVERED

During the warranty period, NrG Light may repair or replace a qualifying defective product or part. Any replacement remains covered for the balance of the original warranty period. Available remedies and shipping responsibilities are governed by the complete warranty terms.

WHAT IS NOT COVERED

Damage caused by negligence, improper assembly, misuse, unsafe transport, impact, moisture, storage, modification, unauthorized repair, incorrect electrical connection, or use outside the published instructions is not covered. Theft and loss are not covered.

WHAT TO SEND

Include your name, order information, panel model, stand serial or identifying information if present, a clear description of the issue, and photos or a short video showing the controller display, stand position, cables, and affected part.

BEFORE SHIPPING

Wait for authorization and packaging instructions. Do not ship the panel, stand, controller, or power components without direction from NrG Light. The next step may be troubleshooting, a replacement part, an on-site adjustment, or a return.

Need help?

Email: info@nrglight.com

Support: nrglight.com/support

Warranty: nrglight.com/warranty

For panel operation, touchscreen controls, wavelengths, app use, and panel troubleshooting, use the separate NrG Light Panel User Manual.